IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: § Confirmation No.: **5917**Jeffery TARVIN §

§ Group Art Unit: 3676

DISTRIBUTED TEMPERATURE SENSOR

Filed: October 13, 2004 § Examiner: Angela M. DITRANI

For: SYSTEM AND METHOD TO INTERPRET §

DATA AND TO DETERMINE A FLOW § Atty. Docket: 101.0166

RATE IN A WELL §

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

REPLY AND AMENDMENT

Dear Sir:

In response to the Final Office Action mailed March 6, 2008, Applicant submits the following:

Amendments to the claims are reflected in the listing of claims that begins on page 2 of this paper.

Arguments/Remarks begin on page 10 of this paper.